

AP Calculus AB/BC Chapter 3A Syllabus*

Day	Date	Description	Homework
1		3.1 - Relative and Absolute Extrema	<ul style="list-style-type: none"> p. 217 (11, 17, 27, 30, 35, 39, 40, 41, 47, 63, 71, 72, 74-77 all)
2		3.2 - Rolle's Theorem and the Mean Value Theorem FR 1	<ul style="list-style-type: none"> p. 224 (1, 9, 13, 17, 21, 29, 39, 41, 47, 57, 59, 81, 83)
3		Derivative Approximations and Existence Theorems Given Tabular Data	<ul style="list-style-type: none"> IVT/MVT WKST
4		3.1-3.2 Quiz 3.3 - Increasing and Decreasing Functions and the First Derivative Test FR 2, 14	<ul style="list-style-type: none"> p. 233 (5 – 17 odd, 23, 27, 33, 37, 43, 59, 77, 79, 117, 118)
5		3.4 Concavity and the Second Derivative Test FR 5	<ul style="list-style-type: none"> p. 242:1-5 odd,13,15,19,31,39,53,83,87- 89 all
6		3.5 - A Summary of Curve Sketching FR 11	<ul style="list-style-type: none"> p. 253: (15, 17, 69, 71, 90-92 all) Curve Sketching HW WKST FR 8, 15
7		Relating f , f' , f'' , Interpreting f' Graphs	<ul style="list-style-type: none"> Relating f, f', f'' graphs WKST
8		3.3-3.5, Relating f, f', f'' Quiz Matching Game	<ul style="list-style-type: none"> p. 276 (1-7 all) Ch 3 Test Review FR (OMIT 1cd, 2, 5d, 6)
9		Review	<ul style="list-style-type: none"> Ch 3 MC (OMIT 13, 15, 18, 21, 27)
10		Ch 3A Test	

*Syllabus Subject to Change

